## **PCT**

## **REQUEST**

The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.

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International Filing Date

2 3 DEC 2002

**EUROPEAN PATENT OFFICE** PCT INTERNATIONAL APPLICATION
Name of receiving Office and "PCT International Application"

Applicant's or agent's file reference (if desired) (12 characters maximum) PCT 1729-035/pa

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BOX NO. 1 TITLE OF INVENTION METHOD FOR DATA TRA SYMBOLS WITH TRANSMISSION SYMBOL REARRANGEME COMMUNICATION SYSTEM THEREFOR	ANSMISSION EMPLOYING GALOIS FIELD ENT, TRANSMITTER, RECEIVER AND ARQ
Box No. II APPLICANT This person is also inv	
Name and address: (Family name followed by given name; for a legal entity, full official The address must include postal code and name of country. The country of the address in Box is the applicant's State (that is, country) of residence if no State of residence is indicated.	aicalea in inis
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.	Facsimile No.
1006 KADOMA, KADOMA CITY OSAKA 571-8500	Teleprinter No.
JP	Applicant's registration No. with the Office
State (that is, country) of nationality:  JP  State (that is, country)	at is, country) of residence:
This person is applicant for the purposes of:  all designated States exc the United States of American States.	the United States the States indicated in the Supplemental Box
Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INV Name and address: (Family name followed by given name; for a legal entity, full official	
The address must include postal code and name of country. The country of the address in Box is the applicant's State (that is, country) of residence if no State of residence is indicate GOLITSCHEK EDLER VON ELBWART, Alexander Wilhelminenstr. 32  D-64285 Darmstadt  DE	applicant only
State (that is, country) of nationality:  DE  State (that is, country) of nationality:  DE	at is, country) of residence:
This person is applicant for the purposes of:  all designated States except the United States of Am	
Further applicants and/or (further) inventors are indicated on a contin	· · · · · · · · · · · · · · · · · · ·
Box No. IV AGENT OR COMMON REPRESENTATIVE; OR AD	DRESS FOR CORRESPONDENCE
The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	agent common representative
Name and address: (Family name followed by given name; for a legal entity, full offici The address must include postal code and name of country.)	al designation. Telephone No. 089 21 23 50
KUHL, Dietmar Grünecker, Kinkeldey, Stockmair	Facsimile No. 089 22 02 87
& Schwanhäusser Anwaltsozietät Maximilianstr. 58	Teleprinter No.
80538 München	Agent's registration No. with the Office
DE 1	72
Address for correspondence: Mark this check-box where no agent of space above is used instead to indicate a special address to which correspondences.	or common representative is/has been appointed and the respondence should be sent.

Form PCT/RO/101 (first sheet) (March 2001; reprint July 2002)

See Notes to the request form

Sheet No. ...2...

Continuation of Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)							
If none of the following sub-boxes is used, this sheet should not be included in the request.							
Name and address: (Family name followed by given name; for a legal entity, fi The address must include postal code and name of country. The country of the ac Box is the applicant's State (that is, country) of residence if no State of residence is	dress indicated in this						
WENGERTER, Christian	applicant and inventor						
Bahnhofstr. 10d D-63924 Kleinheubach	inventor only (If this check-box is marked, do not fill in below.)						
DE	Applicant's registration No. with the Office						
· · · · · · · · · · · · · · · · · · ·	State (that is, country) of residence:  DE						
This person is applicant for the purposes of:  all designated States all designated States all designated States	the United States of America only the States indicated in the Supplemental Box						
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This person is applicant all designated for the purposes of:	ttes except of America only the States indicated in the Supplemental Box						
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This person is applicant for the purposes of:  all designated States all designated States	tes except of America the United States the States indicated in the Supplemental Box						
Further applicants and/or (further) inventors are indicated on another continuation sheet.							

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See Notes to the request form

Sheet No. ...3...

Box	No.	V DESIGNATION OF STATES	S	M	ark the applicable check-boxes below	v; at	leas	t one must be marked.	
The following designations are hereby made under Rule 4.9(a):									
ı		al Patent							
_	-	ARIPO Patent: GH Ghana, Gl	M G	aml	oia, KE Kenya, LS Lesotho, MW	/ Ma	alav	vi, MZ Mozambique, SD Sudan,	
	SL Sierra Leone, SZ Swaziland, TZ United Republic of Tanzania, UG Uganda, ZM Zambia, ZW Zimbabwe, and any other State which is a Contracting State of the Harare Protocol and of the PCT (if other kind of protection or treatment desired, specify on dotted line)								
	EA	Eurasian Patent: AM Armenia, AZ Azerbaijan, BY Belarus, KG Kyrgyzstan, KZ Kazakhstan, MD Republic of Moldova, RU Russian Federation, TJ Tajikistan, TM Turkmenistan, and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT							
	EP European Patent: AT Austria, BE Belgium, BG Bulgaria, CH & LI Switzerland and Liechtenstein, CY Cyprus, CZ Czech Republic, DE Germany, DK Denmark, EE Estonia, ES Spain, FI Finland, FR France, GB United Kingdom, GR Greece, IE Ireland, IT Italy, LU Luxembourg, MC Monaco, NL Netherlands, PT Portugal, SE Sweden, SK Slovakia, TR Turkey, and any other State which is a Contracting State of the European Patent Convention and of the PCT								
	OA OAPI Patent: BF Burkina Faso, BJ Benin, CF Central African Republic, CG Congo, CI Côte d'Ivoire, CM Cameroon, GA Gabon, GN Guinea, GQ Equatorial Guinea, GW Guinea-Bissau, ML Mali, MR Mauritania, NE Niger, SN Senegal, TD Chad, TG Togo, and any other State which is a member State of OAPI and a Contracting State of the PCT (if other kind of protection or treatment desired, specify on dotted line)								
Nat	iona	l Patent (if other kind of protection	or tr	eat	ment desired, specify on dotted line):				
		United Arab Emirates				X	ΝZ	New Zealand	
	AG A	Antigua and Barbuda		HR	Croatia		-		
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		Canada		ΚZ	Kazakhstan	X	SL	Sierra Leone	
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exclu any d	Precautionary Designation Statement: In addition to the designations made above, the applicant also makes under Rule 4.9(b) all other designations which would be permitted under the PCT except any designation(s) indicated in the Supplemental Box as being excluded from the scope of this statement. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. (Confirmation (including fees) must reach the receiving Office within the 15-month time limit.)								
~PP11	-rr								

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Sheet No. ...4...

Box No. IX CHECK LIST; LANGUAGE OF FILING							
Box No. IX CHECK LIST; LANGUAGE OF FILING  This international application contains:  (a) the following number of sheets in paper form:  request (including declaration sheets)							
Figure of the drawings which should accompany the abstract:	10. other (specify):	:					
Box No. X SIGNATURE OF APPLICANT, AGENT OR COMMON REPRESENTATIVE  Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the request).  (D. Kuhl)  Munich, 23.12.2002							
Date of actual receipt of the purported	For receiving Office use only	2. Drawings:					
2. Date of actual receipt of the purported international application:  2. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application:  4. Date of timely receipt of the required corrections under PCT Article 11(2):  5. International Searching Authority (if two or more are competent): ISA /							
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